

CLAIMS:

1. A method of making a composite twisted elongated yarn, said method comprising providing a first elongated yarn of polymer material, providing a second elongated yarn of polymer material, heating said first elongated yarn to a temperature below the softening temperature of said polymer material, heating said second elongated yarn to a temperature below the softening temperature of said polymer material, and twisting said first and second elongated yarns together after said heating to form a composite yarn therefrom having a twisted shape, wherein said temperature is sufficient to prevent said composite yarn from untwisting without said first and second elongated yarns adhering to each other.
2. The method of claim 1, wherein said temperature is in the range of 100° to 200°F.
3. The method of claim 1, further including cooling said composite yarn after said twisting to ambient temperature.
4. The method of claim 1, wherein said first and second elongated yarns each consist of a single strand of polymer material.
5. The method of claim 1, wherein said first elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.
6. The method of claim 1, wherein said second elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.
7. The method of claim 1, wherein said first and second elongated yarns have a deformed outer surface and a non-uniform cross-section over their entire length.
8. The method of claim 1, wherein said first elongated yarn comprises formed polymer material.
9. The method of claim 1, wherein said second elongated yarn comprises formed polymer material.
10. The method of claim 1, wherein said first and second elongated yarns comprise formed polymer material.

11. A method of making a composite twisted elongated yarn, said method comprising providing a first elongated yarn of polymer material having shape memory properties, providing a second elongated yarn of polymer material having shape memory properties, heating said first elongated yarn to a temperature below the softening temperature of said polymer material, heating said second elongated yarn to a temperature below the softening temperature of said polymer material, and continually twisting after said heating said first and second elongated yarns together to form a composite yarn therefrom having a twisted shape, wherein said temperature is sufficient to cause said first and second elongated yarns to lose their shape memory properties sufficiently to prevent said composite yarn from untwisting without said first and second elongated yarns adhering to each other.

12. The method of claim 11, wherein said temperature is in the range of 100° to 200°F.

13. The method of claim 11, further including cooling said composite yarn after said twisting to ambient temperature.

14. The method of claim 11, wherein said first and second elongated yarns each consist of a single strand of polymer material.

15. The method of claim 1, wherein said first elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.

16. The method of claim 11, wherein said second elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.

17. The method of claim 11, wherein said first and second elongated yarns have a deformed outer surface and a non-uniform cross-section over their entire length.

18. The method of claim 11, wherein said first elongated yarn comprises formed polymer material.

19. The method of claim 11, wherein said second elongated yarn comprises formed polymer material.

20. The method of claim 11, wherein said first and second elongated yarns comprise formed polymer material.

21. A method of making an article having a frame and a woven portion formed from elongated twisted yarns, said method comprising forming a composite twisted yarn by providing a first elongated yarn of polymer material, providing a second elongated yarn of polymer material, heating said first elongated yarn to a temperature below the softening temperature of said polymer material, heating said second elongated yarn to a temperature below the softening temperature of said polymer material, and twisting said first and second elongated yarns together after said heating to form a composite yarn therefrom having a twisted shape, wherein said temperature is sufficient to prevent said composite yarn from untwisting without said first and second elongated yarns adhering to each other; weaving said twisted yarn into a woven portion; providing a frame; and attaching said woven portion to said frame.

22. The method of claim 21, wherein said article comprises an article of furniture.

23. The method of claim 21, wherein said attaching step is performed after said weaving step.

24. The method of claim 21, wherein said attaching step is performed concurrently within said weaving step.

25. The method of claim 21, wherein said temperature is in the range of 100° to 200°F.

26. The method of claim 21, further including cooling said composite twisted yarn after said twisting to ambient temperature.

27. The method of claim 21, wherein said first elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.

28. The method of claim 21, wherein said second elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.

29. The method of claim 21, wherein said first and second elongated yarns have a deformed outer surface and a non-uniform cross-section over their entire length.

30. The method of claim 21, wherein said first elongated yarn comprises formed polymer material.

31. The method of claim 21, wherein said second elongated yarn comprises formed polymer material.

32. The method of claim 21, wherein said first and second elongated yarns comprise formed polymer material.

33. A method of making an article having a frame and a woven portion formed from elongated twisted yarns, said method comprising forming a composite twisted yarn by providing a first elongated yarn of polymer material having shape memory properties, providing a second elongated yarn of polymer material having shape memory properties, heating said first elongated yarn to a temperature below the softening temperature of said polymer material, heating said second elongated yarn to a temperature below the softening temperature of said polymer material, and continually twisting after said heating said first and second elongated yarns together to form a composite yarn therefrom having a twisted shape, wherein said temperature is sufficient to cause said first and second elongated yarns to lose their shape memory properties sufficiently to prevent said composite yarn from untwisting without said first and second elongated yarns adhering to each other; weaving said twisted yarn into a woven portion; providing a frame; and attaching said woven portion to said frame.

34. The method of claim 33, wherein said article comprises an article of furniture.

35. The method of claim 33, wherein said attaching step is performed after said weaving step.

36. The method of claim 33, wherein said attaching step is performed concurrently within said weaving step.

37. The method of claim 33, wherein said temperature is in the range of 100° to 200°F.

38. The method of claim 33, further including cooling said composite twisted yarn after said twisting to ambient temperature.

39. The method of claim 33, wherein said first elongated yarn has a deformed outer surface and a non-uniform cross-section over its entire length.

40 The method of claim 33, wherein said second elongated yarn has a deformed outer surface and a non-uniform cross-section over their entire length.

41. The method of claim 33, wherein said first and second elongated yarns have a deformed outer surface and a non-uniform cross-section over its entire length.

42. The method of claim 33, wherein said first elongated yarn comprises formed polymer material.

43. The method of claim 33, wherein said second elongated yarn comprises formed polymer material.

44. The method of claim 33, wherein said first and second elongated yarns comprise formed polymer material.